

Artificial Penetration No. 668

Northwest Oil Company
Lutcher-Moore Lumber Co. #61

00007301-1-3-05
Application to Drill,
Deepen or Plug Back.

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISION

"P.T.S.D." 13

Form 1
Rev. 4/60

STATE WHETHER THIS IS AN APPLICATION TO DRILL, DEEPEN OR PLUG BACK Drill
SHALL BE FILED IN DUPLICATE (IN TRIPPLICATE IF RULE 37) WITH DEPUTY SUPERVISOR OF DISTRICT IN WHICH WELL IS LOCATED
DATA FURNISHED ON THIS FORM AND ANY ATTACHMENT HERETO MUST BE CLEARLY LEGIBLE,
ANY ILLEGIBLE FORM WILL BE RETURNED WITHOUT COMMISSION ACTION.
(Black Ink or Black Typewriter Ribbon Preferable)

(X) 3

READ CAREFULLY AND
COMPLY FULLY

In order that it may be ascertained whether or not the proposed location covered by this notice conforms to the applicable spacing regulations set down by the Railroad Commission, there are two important footages that must be shown; that is, THE NEAREST DISTANCE OF PROPOSED LOCATION FROM LEASE OR PROPERTY LINE AND DISTANCE OF PROPOSED LOCATION FROM THE NEAREST WELL ON THE SAME LEASE. Do not begin drilling operations on any location prior to filing Form 1 and until permit granted by the Commission has been received and waiting clause period has terminated.

For the purpose of this determination draw on the back side hereof a neat, accurate sketch, made to scale, of this lease, block, or lot localizing thereon the proposed site for this location with reference to the two nearest lease lines. Also show the nearest wells on all sides of this location and the distance from the proposed location to those wells. In addition to the foregoing, unit boundary designations must be shown for each producing well on the lease and shall include proposed unit boundaries for the location herein applied for showing the acreage to be assigned this well. Give names and addresses of adjoining lease or property owners, and designate all property by lease and company name. You may attach a blue print showing this information if you so desire.

DO NOT CONFUSE SURVEY LINES WITH LEASE LINES. IF THE SKETCH OR BLUE PRINT SHOWS ONLY A SECTION, BLOCK, OR LOT OUT OF YOUR LEASE, DESIGNATE SAME AS BEING ONLY THAT PART OF THE LEASE.

Where the size of the tract will permit, use scale of one inch equaling 1000 feet; if less than 2 acres, use scale of one inch equaling 100 feet. DESIGNATE SCALE TO WHICH PLAT OR SKETCH IS DRAWN. ALSO DESIGNATE NORTHERLY DIRECTION ON THE SKETCH OR PLAT.

FILL IN BELOW IN THE SPACES RESERVED FOR THIS PURPOSE THE FOOTAGES ASKED FOR:

Nearest distance from proposed location to property or lease line 750 feet.

Distance from proposed location to nearest drilling, completed, or applied for well on same lease 245 feet.

IS THE ACREAGE ON WHICH THIS WELL IS TO BE LOCATED, PRESENTLY ASSIGNED TO ANOTHER WELL IN ANY RESERVOIR FOR WHICH THIS PERMIT IS REQUESTED? No

SPS

Date March 30, 19 68

Name of company or operator

Name Northway Oil Company

Address 2730 Republic Nat'l Bank Bldg.

City Dallas, Texas 75201

Description of farm or lease:

Name of Lease Lutcher-Moore Ltr. Co. #032701

Number of Acres 250 Well No. 61

Number of wells on lease 19

Elevation 7 Section No. Block No.
(ft. above sea level)

Survey J. Dyson

Zone or Reservoir P. T. Wells

To be Located in Orange Field

(If Wildcat state above, also state Distance and Direction from nearest Survey Lines.)

Orange County

1/3 Miles North direction from Orangefield, Texas nearest post office or town.

Rotary or Cable Tools Rotary

Date work will start drilling 4-15-68

Depth to which you propose to drill 2,500 feet.

Date work will start deepening

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?

Name Katane - Bradman

Address Boxer 1740, Wichita Falls, Texas

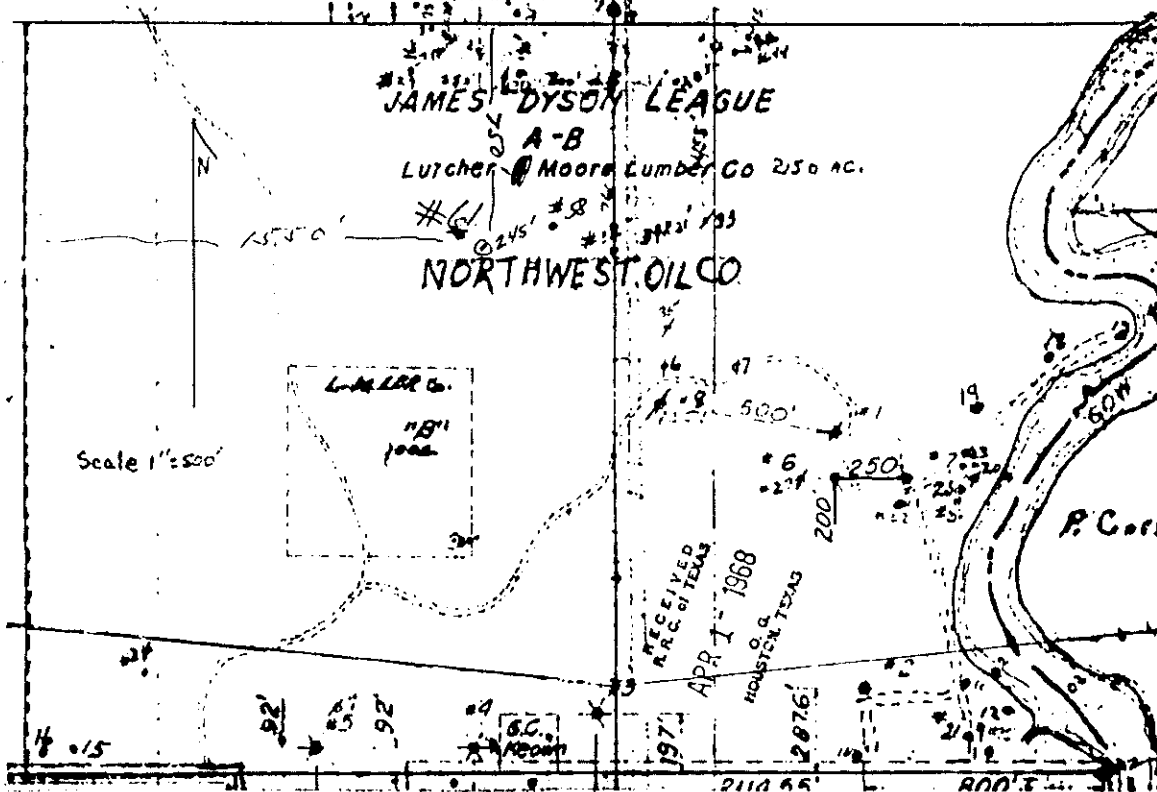
NOTICE: Before sending in this form be sure that you have given all information requested. Much unnecessary correspondence will thus be avoided.

20042

DRAW SKETCH AND MAKE AFFIDAVIT ON REVERSE SIDE

DRAW SKETCH IN SPACE BELOW OR FILE CERTIFIED LEASE PLAT
(Be sure that all required locations, footages, distances, and scales are
given in clearly legible print. Black printing preferable.)

ADDITIONAL NORTH DATA



NOTICE

NO ALLOWABLE WILL BE ASSIGNED to any well which does not have sufficient surface casing to protect all fresh water sands. Where Commission rules do not specify surface casing requirements, it will be necessary to contact Board of Water Engineers, Austin, Texas, to ascertain the depth to which fresh water sands must be protected.

Scale of Plat 1" = 500'

SOUTH

I, H. V. Sparkman, being first duly sworn on oath, state that I have knowledge of the facts and matter herein set forth and that the same are true and correct.

Name H. V. Sparkman Title Agent

Subscribed and sworn to before me this 30th day of March 1968

Notary Public Judith A. Bell County, Texas

Correspondence regarding this well should be addressed to:
Name H. V. Sparkman

Address Box 250, Waco, Texas 76787

00007301127

RAILROAD COMMISSION OF TEXAS
OIL AND GAS DIVISIONForm W-2
Rev. 7-1-66

OIL WELL POTENTIAL TEST COMPLETION OR RECOMPLETION REPORT AND LOG		
1. FIELD NAME (as per RRC Records or Wildcat)		2. LEASE NAME
Orange (P.T.O.D.)		Lutcher-Moore Lbr. Co.
3. OPERATOR		4. ADDRESS
Northwest Oil Company		2730 Republic National Bk. Bldg., Dallas, Texas 75201
5. If Operator has changed within last 60 Days -- Give former Operator		6. LOCATION (Section, Block, and Survey)
		J. Dyson Survey
7. If Workover -- Give former Field (with Reservoir)		8. Type of Electric or other Log run
		Electric & Radiation
9. RRC District		10. Lease Number
3		11. Well Number
		12. County
		13. Purpose of Test
		Initial Potential <input checked="" type="checkbox"/>
		Retest <input type="checkbox"/>
		Reclass <input type="checkbox"/>
		14. Completion Date
		5-10-68

Section I

POTENTIAL TEST DATA

15. Date of Test	16. No. of Hours Tested	17. Production Method (Flowing, Free-lift, Jetting, Pumpjacking, Steam Type, or Pump)			18. Choke Size
5-12-68	24				15/64"
19. Production for Test Period	Oil - BBLs	Gas - MCF	Water - BBLs	Gas - Oil Ratio	Flowing Tubing Pressure
	66.28	22	10	332/1	150 PSI
20. Calculated 24 Hour Rate	Oil - BBLs	Gas - MCF	Water - BBLs	Oil Gravity - API - 60°	Casing Pressure
	66.28	22	10	22.4	150 PSI
21. Was Swab or Artificial Flowing Device Used During this Test?	22. Oil Produced Prior to Test (New & Reworked Wells)			23. Injection Gas-Oil Ratio	
Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	25				

NOTE: TEST SHOULD BE FOR 24 HOURS UNLESS OTHERWISE SPECIFIED IN FIELD RULES

Epl 5-11
+66

INSTRUCTIONS: All potential test Forms, with all information requested thereon filled in, shall be filed in the District Office of the Railroad Commission not later than ten (10) days after the test is completed and, should the operator fail to file potential test in an acceptable Form within the ten (10) days as specified, then the effective date of the allowable resulting from such test shall not extend back more than ten (10) days prior to receipt and acceptance of the potential test Form in the District Office. This Ten-Day provision shall govern regardless of whether a potential test is taken during the month in which it is received in the District Office or any prior month. Fill in only the front of this Form when reporting only a potential test; if well is newly completed or recompleted, fill in reverse side also.

Permit OK.
also BDMC.
Ltr 4.8 on
Casing

EACH WITNESS MUST PERSONALLY SIGN.

We, the undersigned, witnessed this test, by observation of meter readings, or the top and bottom gauges of each tank, whichever is applicable, into which production was run during duration of this test.

Signature: REPRESENTATIVE OF COMPANY MAKING TEST

List of Other Operators Notified:

Paul Cormier

Petroleum Property Management, Inc.

Signature: REPRESENTATIVE OF RAILROAD COMMISSION

Date of Notification:

5-11-68

5-11-68

CERTIFICATE:

I declare under penalties prescribed in Article 6036c, R. C. S., that I am authorized to make this report, that this report was prepared by me or under my supervision and direction, and that data and facts stated therein are true, correct, and complete, to the best of my knowledge.

Signature: REPRESENTATIVE OF COMPANY

Agent

TITLE

5-11-68

DATE

REMARKS

MAY 16 1968

ISSUED BY

SECTION II DATA ON WELL COMPLETION AND LOG (Not Required on Retaut)					
24. Type of Completion: New Well <input checked="" type="checkbox"/> Deepening <input type="checkbox"/> Plug Back <input type="checkbox"/> Other <input type="checkbox"/>			25. Date Permit Issued 4-2-68		
26. Notice of Intention to Drill this Well was filed in Name of Northwest Oil Company			27. If Special Permit, Give Permit Number		
28. Number of Producing Wells on this Lease in This Field (Reservoir) including this Well 17			29. Total Number of Acres in this Lease 250		
30. Date Plug Back, Deepening, Work Over or Drilling Operations: Commenced 5-2-68 Completed 5-3-68			31. Distance to Nearest Well, Same Lease & Reservoir 245		
32. Location of Well, Relative to Lease Boundaries of Lease on which this Well is Located 750 West			33. East From North Line And 1350 Feet From Line of The Litcher-Moore Lbr. Co. Lease		
34. Elevation (DP, RKB, RT, GR, ETC) GR = 7'			35. Was Directional Survey Made Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>		
36. Top of Pay 2425	38. Total Depth 2500	37. P.B. Depth --	39. Surface Casing Determined By	Recommendation of Texas Water Development Board <input type="checkbox"/>	Field Rules <input type="checkbox"/> Railroad Commission (Special) <input checked="" type="checkbox"/>
39. Is Well Multiple Completion? Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>			40. If Multiple Completion List All Reservoir Names (Completions in this Well)		
41. Name of Drilling Contractor C.B.S. Workover Company			42. Is Cementing Affidavit Attached? Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>		

CASING RECORD (Report All Strings Set in Well)					
Casing Size	Weight LB/FT.	Depth Set	Hole Size	Cementing Record	Amount Pulled
8 5/8"	24#	93.92'	12 1/4"	100 sx. common with 2% CaCl ₂	0
5 1/2"	11#	2198.2'	7 7/8"	200 sx common with 12% Gel and 150 ax Poz. with 35.53% salt & 2% Gel.	0

LINER RECORD				
Size	Top	Bottom	Sacks Cement	Screen

TUBING RECORD				47. Producing Interval (this completion) indicate Depth of Perforations or Open Hole	
Size	Depth Set	Packer Set	From	To	
2 3/8" AUB	219.56'	2373.50	From 2428	To 2436	
			From	To	
			From	To	
			From	To	

48. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
Depth Interval	Amount and Kind of Material Used

49. FORMATION RECORD (LIST DEPTHS OF PRINCIPAL GEOLOGICAL MARKERS AND FORMATION TOPS)			
Formations	Depth	Formations	Depth
Miocene	0 - 2500		

REMARKS Notified Mr. Tylor with R.R.O. before cementing 5 1/2" casing.

0 0 0 0 7 3 0 1 1 2 9

AFFIDAVIT ON CEMENTING

STATE OF TEXAS

COUNTY OF Jefferson

I, A. L. Harper, being of lawful age do state that I am employed by Halliburton Company in the capacity of Cementer and that on the 4 day of May, 19 68, Halliburton Company performed a cementing service on the production strings of casing in Well Number 61, Lutcher Moore lease, located in Orange County, Texas, for Northwest Oil Co. (Customer).

Information provided me by the customer, his agent or representative, states that one strings of casing, size 5 1/2 OD were set in 7 7/8 drilled hole and through 24 surface pipe, (Size) (No. Feet) casing depths being 2498.

Cement and admixes used were: 200 Common "A" L.S. Cement with 12% Gal
150 Pozmix

Cement was circulated above the ground.

STATE OF TEXAS

COUNTY OF Jefferson

O.K.

AFFIANT

A. L. Harper
HALLIBURTON COMPANY EMPLOYEE

BEFORE ME, the undersigned authority, on this day personally appeared A. L. Harper known to me to be the person whose name is subscribed to this statement; who, after being duly sworn upon oath states: That to the best of his knowledge and belief, the facts as recited above are true and correct.

Given under my hand and Seal this 10 day of May, 19 68

(NOTARY SEAL)
6-1-69

Notary Public in and for
Jefferson County, Texas

RECEIVED
R.R.C. OF TEXAS

MAY 16 1968

03272